

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference CB60165	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/003235	International filing date (day/month/year) 24/03/2004	(Earliest) Priority Date (day/month/year) 31/03/2003
Applicant GLAXO GROUP LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 03 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

ACTUATOR CAP FOR AEROSOL

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 2

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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International application No.

PCT/EP2004/003235

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A dispenser for a foamable composition comprising a pressurised container containing the foamable composition and having a valve(12), with an actuator(20) mounted on the container. The actuator comprises a flow conduit(31) mated with the valve stem, and which is displaceable upon the application of actuating force to the actuator to bear upon the valve stem to actuate the valve stem, with a closure(40) adjacent to the dispensing opening of the conduit. In the absence of actuating force the conduit is biased closed against the closure. On the application of actuating force to the flow conduit the flow conduit is displaced to actuate the valve stem and to be displaced out of its closed relationship with the closure. The actuator can reduce post foaming of the composition.

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B65D83/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 860 933 A (MORANE BRUNO ET AL) 29 August 1989 (1989-08-29) column 1, line 9 column 1, line 45 - line 50 column 3, line 64 - line 65; figure 5 -----	1-8, 13-18
X	US 3 361 301 A (PHILIP MESHBERG) 2 January 1968 (1968-01-02) figures 1,2 -----	1-8, 13-18
X	GB 1 247 947 A (SCOVILL MANUFACTURING COMPANY) 29 September 1971 (1971-09-29) page 1, line 97 - last line ; figures 2,3 -----	1,2,9,11



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

4 August 2004

Date of mailing of the international search report

12/08/2004

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Sundell, O

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/003235

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4860933	A	29-08-1989	FR 2617809 A1	13-01-1989
			AT 61310 T	15-03-1991
			CA 1330069 C	07-06-1994
			DE 3861929 D1	11-04-1991
			EP 0298847 A1	11-01-1989
			JP 1045283 A	17-02-1989
			JP 2578645 B2	05-02-1997

US 3361301	A	02-01-1968	NONE	

GB 1247947	A	29-09-1971	DE 1908532 A1	18-09-1969
			JP 49008121 B	25-02-1974
			US 3515316 A	02-06-1970
